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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/329,923	06/10/1999	FABRICE AGNES	005974/0010	8774

27383 7590 02/13/2004

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200 PARK AVENUE
NEW YORK, NY 10166

EXAMINER

SAX, STEVEN PAUL

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 02/13/2004

15

Please find below and/or attached an Office communication concerning this application or proceeding.

DM.

Office Action Summary

Application No.

09/329,923

Applicant(s)

AGNES ET AL.

Examiner

Steve Sax

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This application has been examined. The RCE and amendment, filed 12/5/03, have been entered.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cooper et al (5729673) and Bronfeld et al (6308144) and Szeliski (6137491).

4. Regarding claim 1, Cooper et al show the software control method for forming a two dimensional view of a computer defined graphical model (Figure 5, column 1 lines 34-45), generating a descriptive information associated with a component of the two dimensional view (column 4 lines 35-53, column 5 lines 5-16), adding the drawing item to the view responsive to user activation (column 5 lines 15-37). Cooper et al do not specifically describe forming a user interface to control the addition, but do mention convenient ways to edit the model using an interface (column 5 lines 37-55). Furthermore, Bronfeld et al do show a CAD/CAM system for

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forming the separate sketcher plane interface to add a drawing item to a model (column 10 lines 49-67). This is done for convenient editing of the model. It would have been obvious to a person with ordinary skill in the art to have this feature in Cooper et al, because it would provide a convenient way to edit a model. Neither Cooper et al nor Bronfeld et al may show the exact details of the user interaction to input data to select a first subset of automatically generated descriptive information to be added to the two-dimensional view for subsequent configuration in the two dimensional view, but do show the flexibility of manipulating the views. Furthermore, Szediski shows this (Figure 5, column 12 lines 10-38, column 14 lines 39-58) for flexibility of manipulating the views. It would have been obvious to have this capability in the system expressed by Cooper et al as enhanced by Bronfeld et al, because it would allow a convenient flexibility of manipulating the views.

5. Regarding claim 2, Bronfeld et al show that the drawing feature is a dimension (column 10 lines 50-65). Also, Szediski shows the constraint (column 18 lines 35-48).

6. Regarding claims 3-4, the descriptive information is added after an expiration time if the system is not paused (Cooper et al column 4 lines 35-50).

7. Regarding claim 5, the information is modified (Cooper et al column 5 lines 38-57).

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8. Regarding claim 6, user input data is tracked so that a second subset of information will not appear in the subsequent views (Bronfeld et al abstract, column 15 lines 15-42, column 16 lines 33-50).

9. Regarding claim 7, the descriptive information is stopped and an additional view is formed (Bronfeld et al column 16 lines 43-65).

10. Regarding claim 8, a modification is reproduced in a two dimensional view (Bronfeld et al column 16 lines 42-65).

11. Regarding claim 9, the descriptive information may be added automatically or with user intervention (column 16 lines 1-22).

12. Regarding claims 10-12, the drawing mode may be paused in which a user may modify data and generate data (Bronfeld et al column 16 lines 33-55).

13. Regarding claims 13-14, drawing data views may be filtered from being formed (column 16 lines 50-65 of Bronfeld et al).

14. Claims 15-23 show the same features as above and are rejected for the same reasons.

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15. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

16. Any inquiry concerning this communication should be directed to Steve Sax at telephone number (703) 305-9582.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steve Sax whose telephone number is (703) 305-9582. The examiner can normally be reached on Monday - Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640.

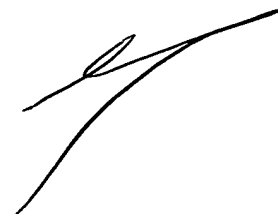
The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(703) 872-9306

Official Communication

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

11/11/2009

A handwritten signature in black ink, consisting of a stylized, cursive-like mark that appears to be a combination of letters and a long, sweeping underline.